

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A morphological analyzer for performing a morphological analysis on ~~a natural language~~ an input text string to be processed, comprising:

a dictionary unit storing header words and attribute information of the header words, said attribute information comprising at least one attribute flag;

a token list generating unit for referencing data in said dictionary unit, extracting tokens that can form ~~[[the]]~~ natural language text from said ~~natural language~~ input text string to be processed, and registering ~~[[them]]~~ said extracted tokens in ~~[[on]]~~ a token list; and

a token string selecting unit for selecting optimum token strings for composing said natural language text on the basis of the token list generated by said token list generating unit,

wherein said token list generating unit controls the registration of the tokens on said token list on the basis of conditions imposed on the morphological analysis and said attribute flag information of the header words corresponding to said extracted tokens, wherein said token list generating unit registers in said token list only the extracted tokens having said attribute flag matching said conditions imposed on the morphological analysis.

2. (Cancelled)

3. (Currently Amended) The morphological analyzer according to Claim 1, wherein

said attribute flag ~~said dictionary unit stores the information indicating~~ indicates whether or not said header words are decomposable as ~~the attribute information of said header words,~~ and wherein in response to a condition of registering only decomposing complex words being imposed on said morphological analysis, said token list generating unit references the attribute flag information of said header words~~[[,]]~~ corresponding to said extracted tokens and registers the extracted tokens on said token list, except tokens corresponding to decomposable header words from said extracted tokens, ~~when a condition of decomposing the complex word for making the morphological analysis is imposed.~~

4. (Currently Amended) The morphological analyzer according to Claim 1, wherein the attribute information comprises a plurality of attribute flags corresponding to a plurality of different attributes for ~~[[of]]~~ said header words stored in said dictionary unit is recorded with the flag data having a number of bits corresponding to the number of attribute information, and said token list generating unit decides whether or not to register ~~said tokens on said token list on the basis of the value of said flag data for said header words corresponding to said tokens,~~ wherein said token list generating unit registers in said token list only the extracted tokens having said attribute flags matching said conditions imposed on the morphological analysis.

5. (Currently Amended) A morphological analyzer for performing a morphological analysis on a natural language text to be processed, comprising:

token list generation means for decomposing ~~said natural language~~ an input text string to be processed into tokens that are components of the natural language text and selectively registering ~~them on~~ said tokens in a token list ~~except tokens decomposable into smaller tokens;~~ and

token string selection means for selecting optimum token strings for composing said natural language text on the basis of the token list generated by said token list generation means,

wherein said token list generation means selectively registers said tokens according to at least one condition imposed on the morphological analysis, said condition specifying at least one type of token to be excluded from said token list.

6. (Currently Amended) The morphological analyzer according to Claim 5, wherein said condition specifies token list generation means selectively controls whether or not subtokens from tokens decomposable into smaller tokens are to be excluded from tokens registered on said token list ~~in accordance with the given conditions imposed on the morphological analysis.~~

7. (Currently Amended) A natural language processor, comprising:

morphological analysis means for performing a morphological analysis on a ~~natural language~~ input text string to be processed; and

application execution means for performing said given processing for said input natural language text string morphologically analyzed by said morphological analysis means, said morphological analysis means comprising:

a dictionary unit storing header words and attribute information of the header words, said attribute information comprising at least one attribute flag;

a token list generating unit for referencing data in said dictionary unit, extracting tokens that can form ~~[[the]]~~ natural language text from said ~~natural language input text string to be processed~~, and registering said extracted tokens in a token list ~~only tokens having attributes matching conditions requested by said application execution means on a token list on the basis of the attribute~~

~~information of said header words corresponding to the tokens; and~~

a token string selecting unit for selecting optimum token strings for composing said natural language text on the basis of the token list generated by said token list generating unit,

wherein said token list generating unit controls the registration of the tokens on said token list on the basis of conditions imposed on the morphological analysis requested by said application execution means and said attribute flag of the header words corresponding to said extracted tokens, wherein said token list generating unit registers in said token list only the extracted tokens having said attribute flag matching said conditions imposed on the morphological analysis.

8. (Currently Amended) The natural language processor according to Claim 7, ~~wherein said dictionary unit stores the information indicating whether or not said header words are decomposable as the attribute information of said header words, said token list generating unit references the attribute information of said header words, and registers tokens corresponding to undecomposable header words on said token list, when it is requested by said application execution means to decompose decomposable words for making the morphological analysis~~ wherein said attribute flag indicates whether or not said header words are decomposable, and wherein in response to a condition of registering only decomposing complex words being imposed on said morphological analysis by said application execution means, said token list generating unit references the attribute flag of said header words corresponding to said extracted tokens and registers the extracted tokens on said token list, except tokens corresponding to subtokens.

9. (Currently Amended) The natural language processor according to Claim 7, ~~wherein the attribute information of said header words stored in said dictionary unit is recorded with the flag data having a number of bits corresponding to the number of attribute information, and said token list generating unit decides whether or not to register said tokens on said token list on the basis of the value of said flag data for said header words corresponding to said tokens~~ wherein the attribute information comprises a plurality of attribute flags corresponding to a plurality of different attributes for said header word, wherein said token list generating unit registers in said token list only the extracted tokens having said attribute flags matching said conditions imposed on the morphological analysis by said application execution means.

10. (Currently Amended) A morphological analysis method of performing a morphological analysis on a natural language text by using a computer, comprising the steps of:

inputting a natural language text string to be processed, referencing a dictionary stored in a memory, obtaining tokens from said text string that can form ~~[[the]]~~ natural language text and attribute information for said ~~of the~~ tokens, and storing them in a work area of the memory;

selecting given tokens out of the tokens stored in said memory on the basis of given conditions imposed on the morphological analysis and said attribute information of the tokens and registering them on a token list formed in a given area of the memory;

generating token strings that can form said natural language text to be processed on the basis of said token list and storing them in the work area of the memory; and

selecting optimum token strings for composing said natural language text to be processed out of said token strings stored in said memory and outputting them,

wherein said step of selecting and registering said tokens on said token list further

comprises registering only tokens having attributes matching the given conditions on said token list in accordance with said given conditions imposed on said morphological analysis.

11. (Cancelled)

12. (Currently Amended) A morphological analysis method of performing a morphological analysis on a natural language text by using a computer, comprising the steps of:

inputting a natural language text string to be processed, decomposing ~~[[it]]~~ said test string into a group of tokens that are components of the natural language text string, and storing the ~~obtained~~ token group in a work area of a memory;

registering said token group on a token list formed in a given area of the memory except tokens in said token group decomposable into smaller tokens;

generating token strings that can form said natural language text to be processed on the basis of said token list and storing them in the work area of the memory; and

selecting optimum token strings for composing said natural language text to be processed out of said token strings stored in said memory and outputting them.

13. (Currently Amended) A computer-readable storage having stored thereon, a computer program having a plurality of code sections for performing a morphological analysis on a natural language text string, said code sections executable by a computer for causing the computer to perform the steps of:

~~A program for controlling a computer to perform a morphological analysis on a natural language text, the program enabling said computer to serve as:~~

~~means for~~ referencing a dictionary having records of header words and attribute

information of the header words and stored in a given storage device, said attribute information comprising at least one attribute flag;

extracting tokens that can form the natural language text string from said natural language text string to be processed[[,]];

~~selecting given tokens from~~ at least a portion of the extracted tokens on the basis of ~~given~~ at least one condition[[s]] imposed on the morphological analysis and said attribute information of said header words associated with said tokens; ~~and~~

registering said selected tokens ~~them~~ on a token list formed in a given area of a memory; and

~~means for~~ selecting optimum token strings for composing said natural language text on the basis of the token list ~~generated by a token list generating unit.~~

14. (Currently Amended) The computer-readable storage medium ~~program~~ according to Claim 13, wherein in response to a condition of registering only decomposing complex words being imposed on said morphological analysis, ~~means for~~ said registering step further comprising said tokens on said token list decides deciding whether or not to register said tokens on said token list on the basis of the value of said attribute flag data having a number of bits corresponding to the number of attribute information of said tokens recorded in said dictionary indicating whether said token is decomposable.

15. (Currently Amended) A computer-readable storage having stored thereon, a computer program having a plurality of code sections for performing a morphological analysis, said code sections executable by a computer for causing the computer to perform the steps of:

~~A program for controlling a computer to perform a morphological analysis on a natural language text, the program causing said computer to execute:~~

~~a first process of~~ inputting a natural language text string to be processed, decomposing ~~[[it]]~~ said text string into tokens that are components of the natural language text string, and storing said tokens as a ~~the obtained~~ token group for said text string in a work area of a memory;

~~a second process of~~ registering said tokens by said token group ~~[[on]]~~ in a token list formed in a given area of the memory except subtokens for tokens decomposable into smaller tokens;

~~a third process of~~ generating token strings that can form said natural language text to be processed on the basis of said token list and storing them in the work area of the memory; and

~~a fourth process of~~ selecting optimum token strings for composing said natural language text to be processed out of said token strings stored in said memory and outputting them.

16. (Currently Amended) The computer-readable storage medium ~~program~~ according to Claim 15, further comprising code sections for: ~~wherein said program causes said computer to execute a process of~~

imposing at least other one condition on the morphological analysis;

~~judging~~ analyzing said tokens using the given other condition ~~[[s]]~~ imposed on the morphological analysis ~~[[,]]~~; and

~~a process of~~ instead of registering said tokens by said token group, registering ~~[[all]]~~ only said tokens ~~[[on]]~~ in said token list in accordance with said ~~[[given]]~~ other imposed condition ~~[[s]], instead of said second process.~~